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DESCRIPTORS: Turbines, Jets, *Jet propulsion,
*Combustion chambers, Combustion, Experimental
data, Microphotography, High speed photography,
Photography, Fuels, Atomization, Distribution.

(Machinery--Propulsion Systems, TT, v. 7, no. 9)

I. Kling, R.

Office of Technical Services

62-10921

Betz, A.
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(Höchstautrieb von Flügeln an Umlaufenden Rädern).
[1962] [11]p. (foreign text included) 3 refs.
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Germany) 1961, v. 9, no. 4/5, p. 97-99.

DESCRIPTORS: *Airfoils, Rotation, *Lift, Pressure,
Boundary layer, Aerodynamics.

Rules of similarity can be deduced from observations
of the significant effects in the boundary layer of a
rotating blade. It is thus possible to apply the experi-
mental results obtained by Himmelkamp regarding the
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TT-64-16031

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Agency: FAA

P.O. No W1-73-0275-1

R-15322-D

24 July 1972

Title:

Abbreitungstörungen für Drehfunkfeuer in UKW- und
Dezimeter-Wellenbereich

Author: Karlheinz Hattrodt

10pp

Source: Z. Flugwiss, 11, 1963 #11

Language: German

Instructions: Please translate / type single space.
No-PASTE-UP, leave space, translate all captions.

Measurement of Skin Shear Stress Under Turbulent
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Sci + Phys
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Sci - Mech, Industrial, Civil,
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ESur - Germany

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15-16 Oct 60. [1963] 7p 2refs
Order from SLA \$1.10

TT-64-14552

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logie (West Germany) 1961, v. 157, Beilageheft,
p. 5-10.

I. Neuweiler, W.
II. Richter, R. H. H.
III. Title: German...
IV. Title: Austrian...

(Biological Sciences--Toxicology, TT, v. 11, no. 11)

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The Use of Scrap Aluminum in the Foundry, by
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Communication no. 1. [1962]. 2p.
Order no. K-H 532.50 K-H 5248-a

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gie [Germany] 1964, v. 53, p. 361-419.

DESCRIPTORS: *Reproductive system; *Uterus;
Physiology.

(Biological Sciences--Physiology, U T, v. 9, no. 1)

62-31491

I. Frank, K.
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Burkard, O.
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Order from SLA \$1.60 62-14060

Trans. of Zeitschrift für Geophysik (West Germany)
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DESCRIPTORS: *Terrestrial magnetism, *Ionosphere,
*Geophysics, Magnetic properties, Analysis.

The influence of the earthmagnetic field on the world-
wide distribution of the critical frequencies foF₂ is
examined especially for solstices by means of observa-
tions in 1952. At solstice as at equinox both maxima in
geomagnetic latitudes of about $\pm 20^\circ$ and intermediate
minimum upon the geomagnetic equator are absent in
the early forenoon. The highest critical frequencies
are appearing upon the magnetic equator. At noon the
minimum is to be found about inclination zero; the two
(Earth Sciences--Atmosphere, TT, v. 10, no. 2)
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2. Title: Solstices
1. Burkard, O.

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Scientific Analysis of the Hypothesis
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Bibl, K. and Delobbeau, F.
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Beobachtungen Wahrend der Totalen Sonnenfinsternis
vom 30 June 54] tr. by J. M. Sprecher. Apr 61, 16p.
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1955, v. 11, no. 4, p. 215-228.

DESCRIPTORS: *Ionosphere, *Solar eclipses, Height,
Electron density, Ionization, Recombination reactions,
Absorption.

(Earth Sciences--Atmosphere, TT, v. 9, no. 12)

I. Bibl, K.
II. Delobbeau, F.

4-12-62
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Interpretation of Seismic Arrivals With
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GEOPHYS, part, 2 fuer Geophysik, No 21, 1955,
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Sol - Geophys
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Experiences and Measurement) Results Obtained
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ACIC

TS 767

Sci-Earth Sci & Astron
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NZDIA

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S:1 -
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Gutdeutsch, R.
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Order from SLA \$6.60 TT-63-20714

Trans. of Zeitschrift für Geophysik (West Germany)
1962, v. 28 [no. 1] p. 11-40. (Abstract available)

DESCRIPTORS: *Seismic waves, *Mechanical waves,
Propagation, Velocity, Flat plate models, Measurement,
*Geophysics.

The paper contains a description of a type of elastic
waves which develops specially on layers. It forms
either characteristic single arrivals which render
parallel time-distance-curves, or a sinusoidal wave
of constant frequency. The interval between two
arrivals or the period of the sinusoidal wave is pro-
portionate to the thickness of the layer. The single
(Earth Sciences--Seismology, TT, v. 11, no. 5)(over)

TT-63-20714

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A

Office of Technical Services

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On the Figure and Gravity Field of the
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